

FIG. 1

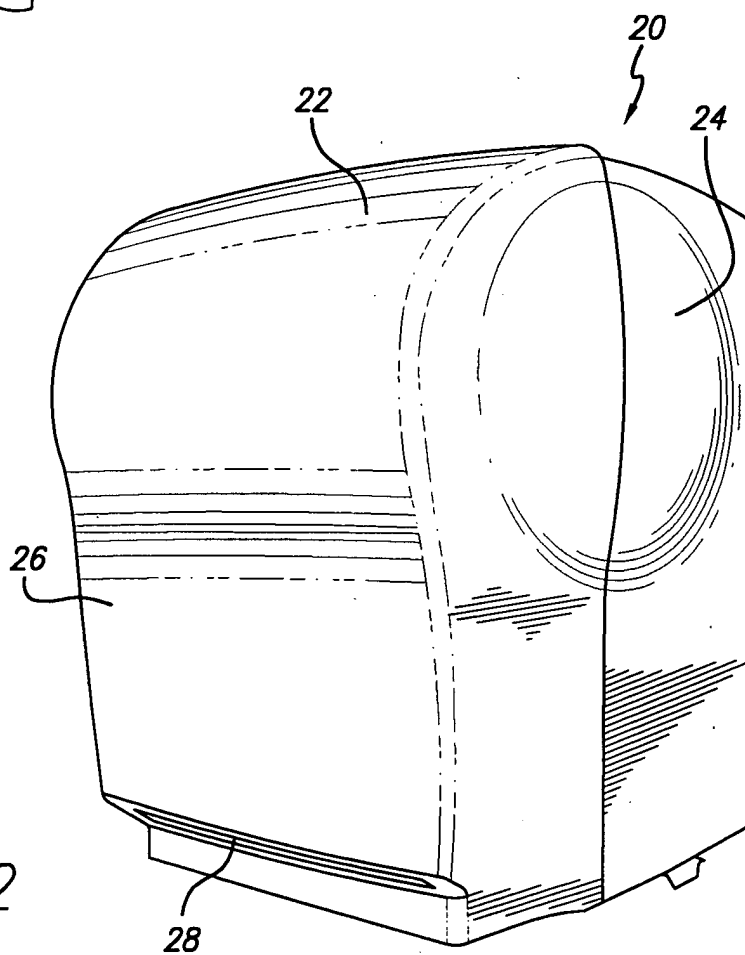
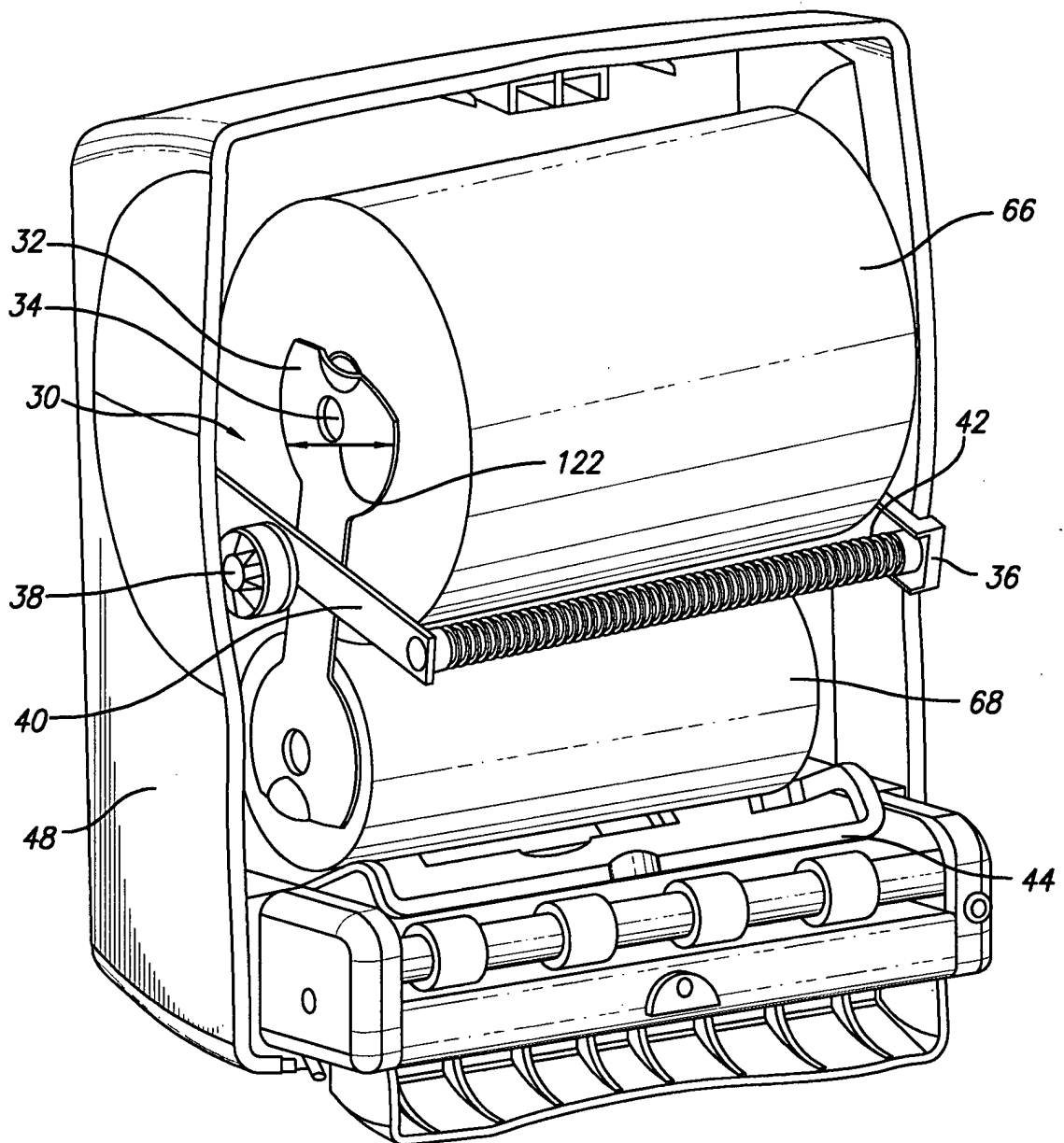


FIG. 2

3/19

FIG. 4A



4/19

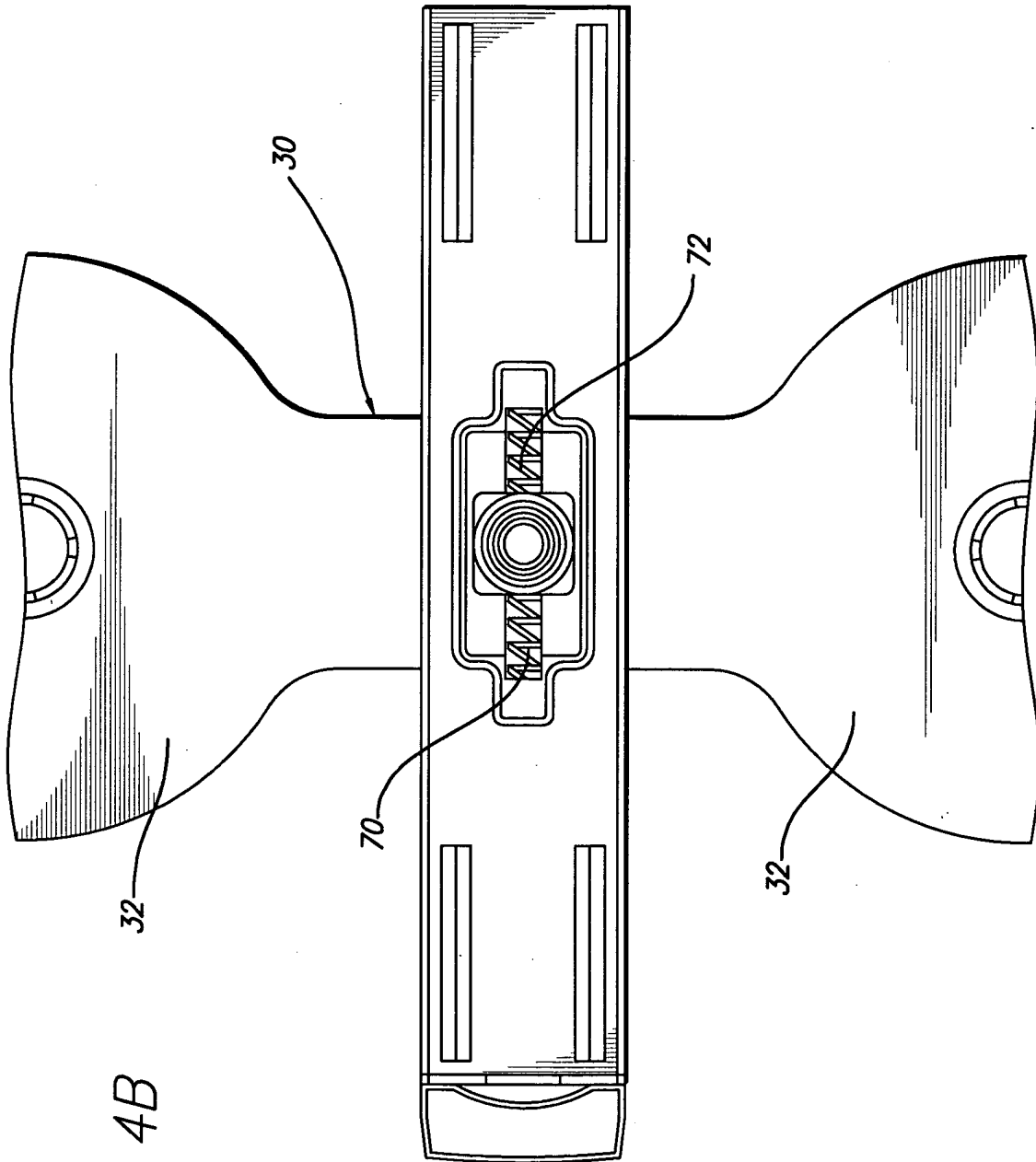
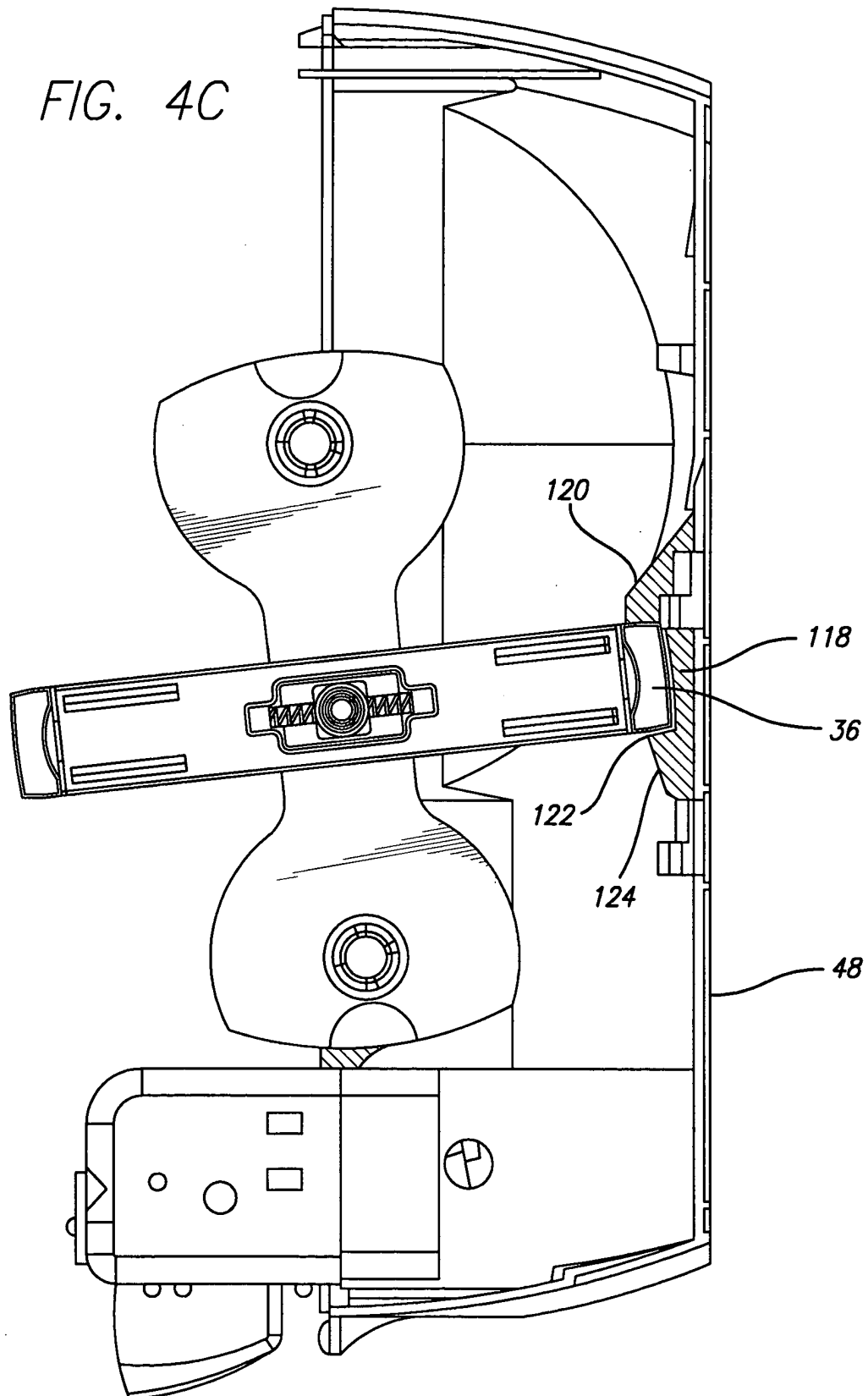


FIG. 4B

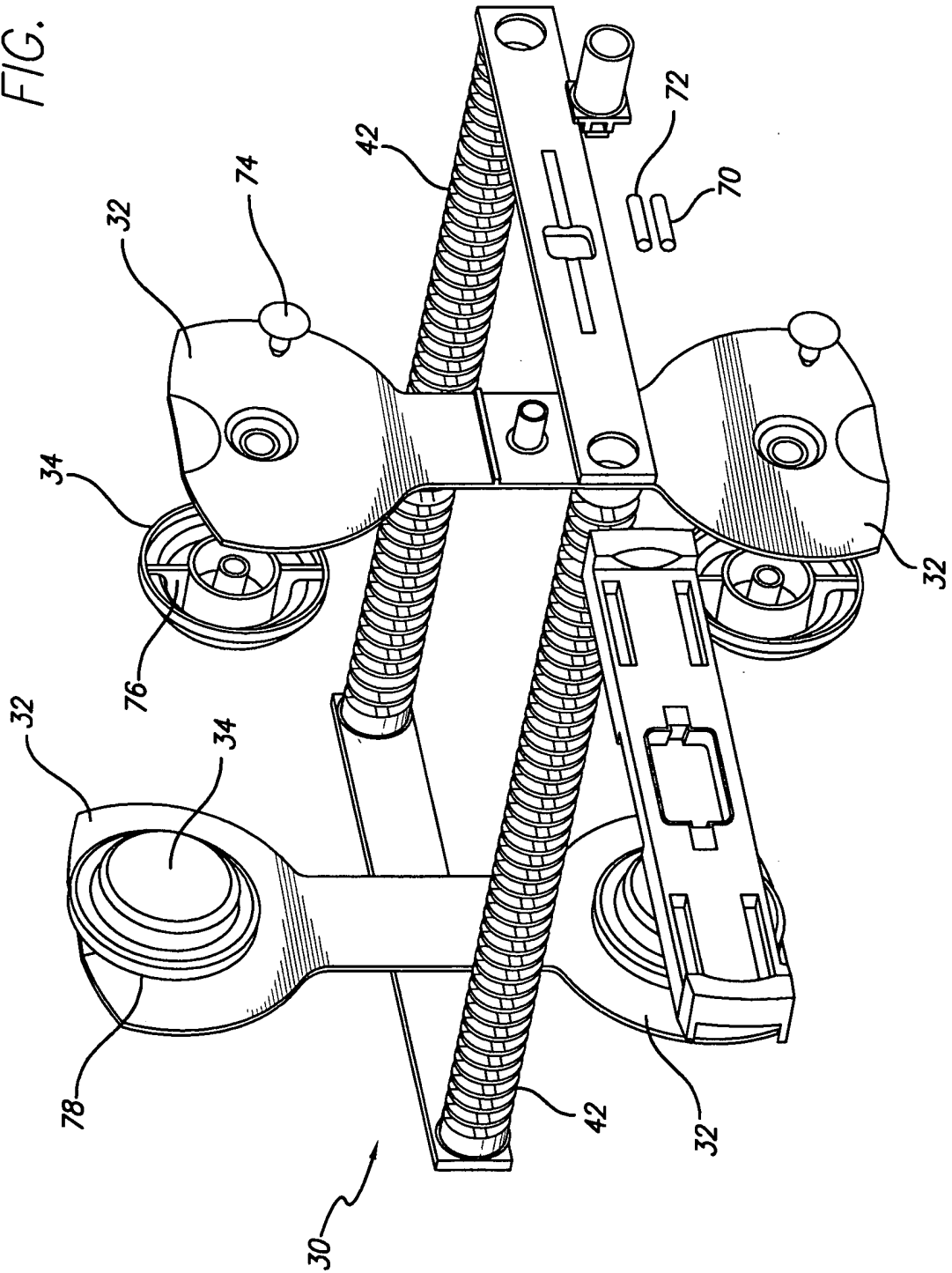
5/19

FIG. 4C



6/19

FIG. 5



7/19

FIG. 6A

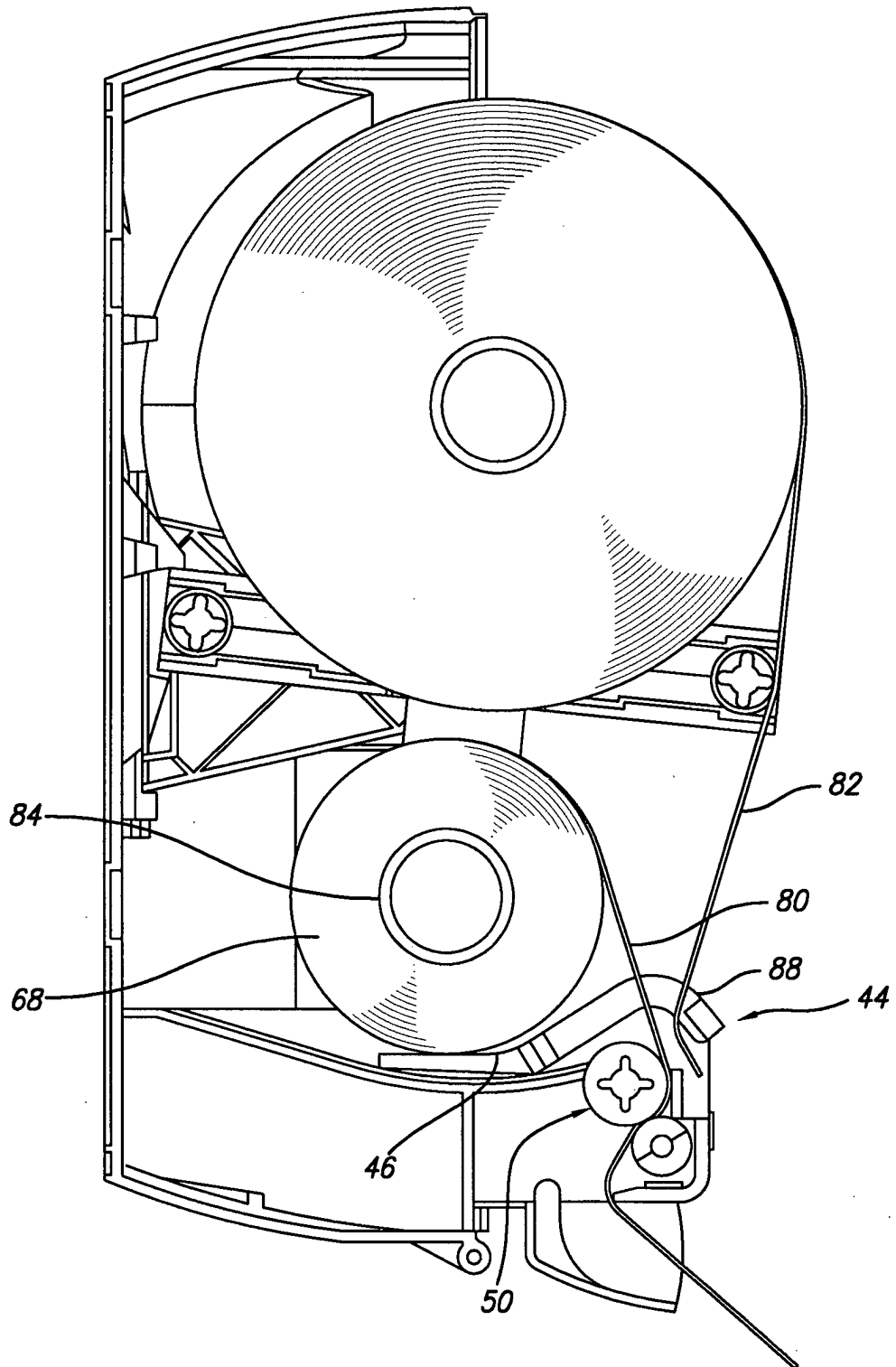
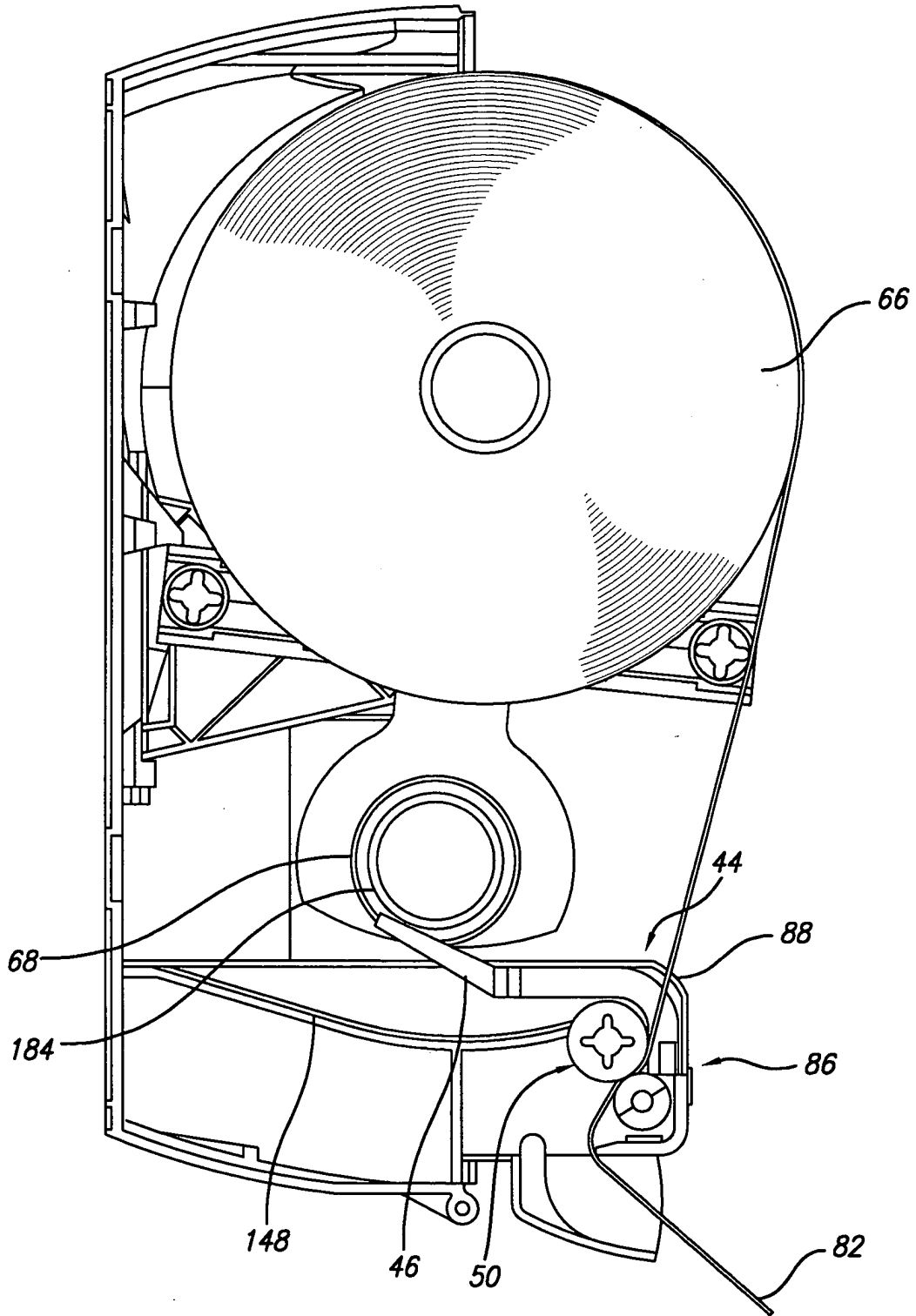
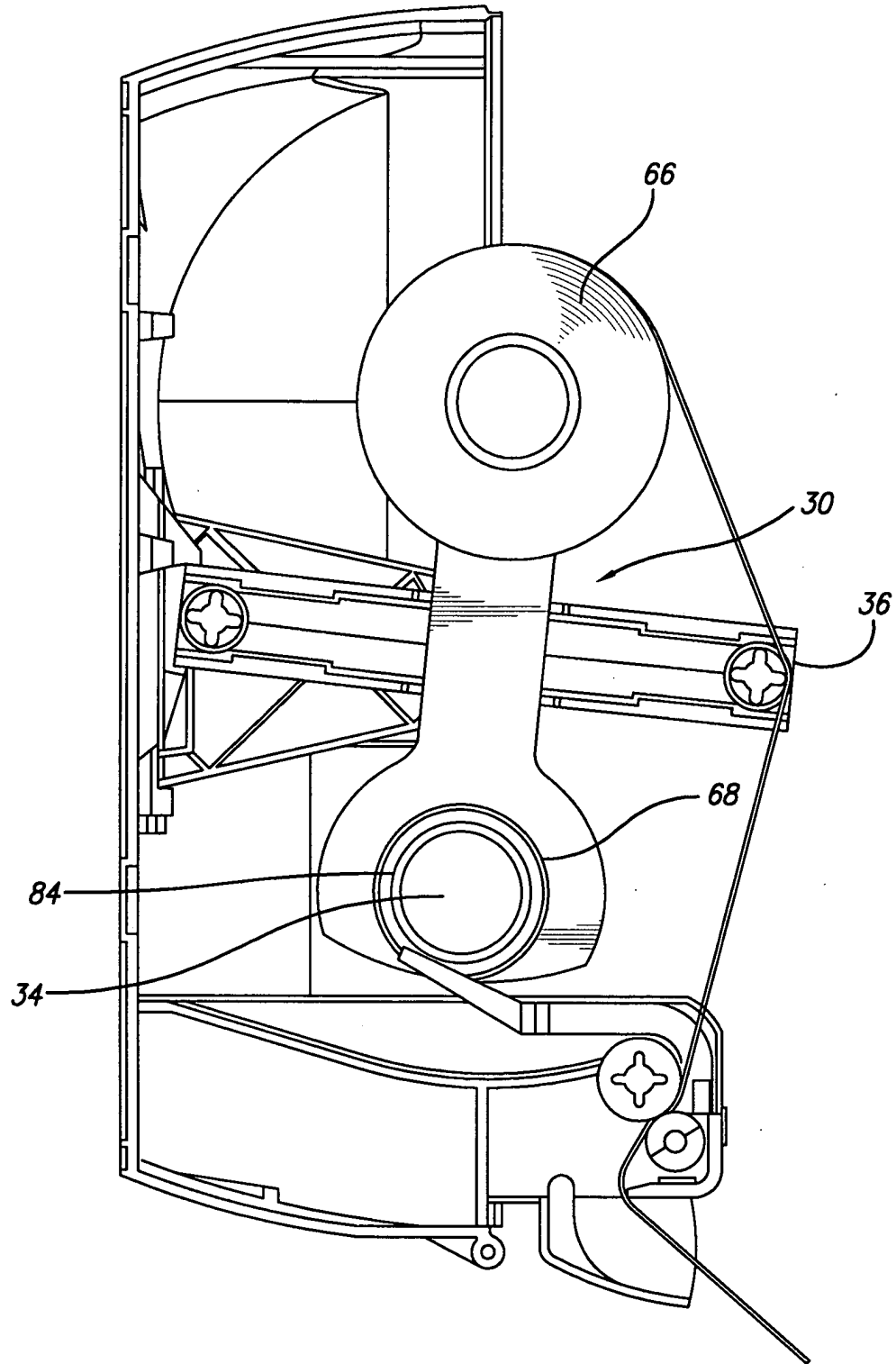


FIG. 6B



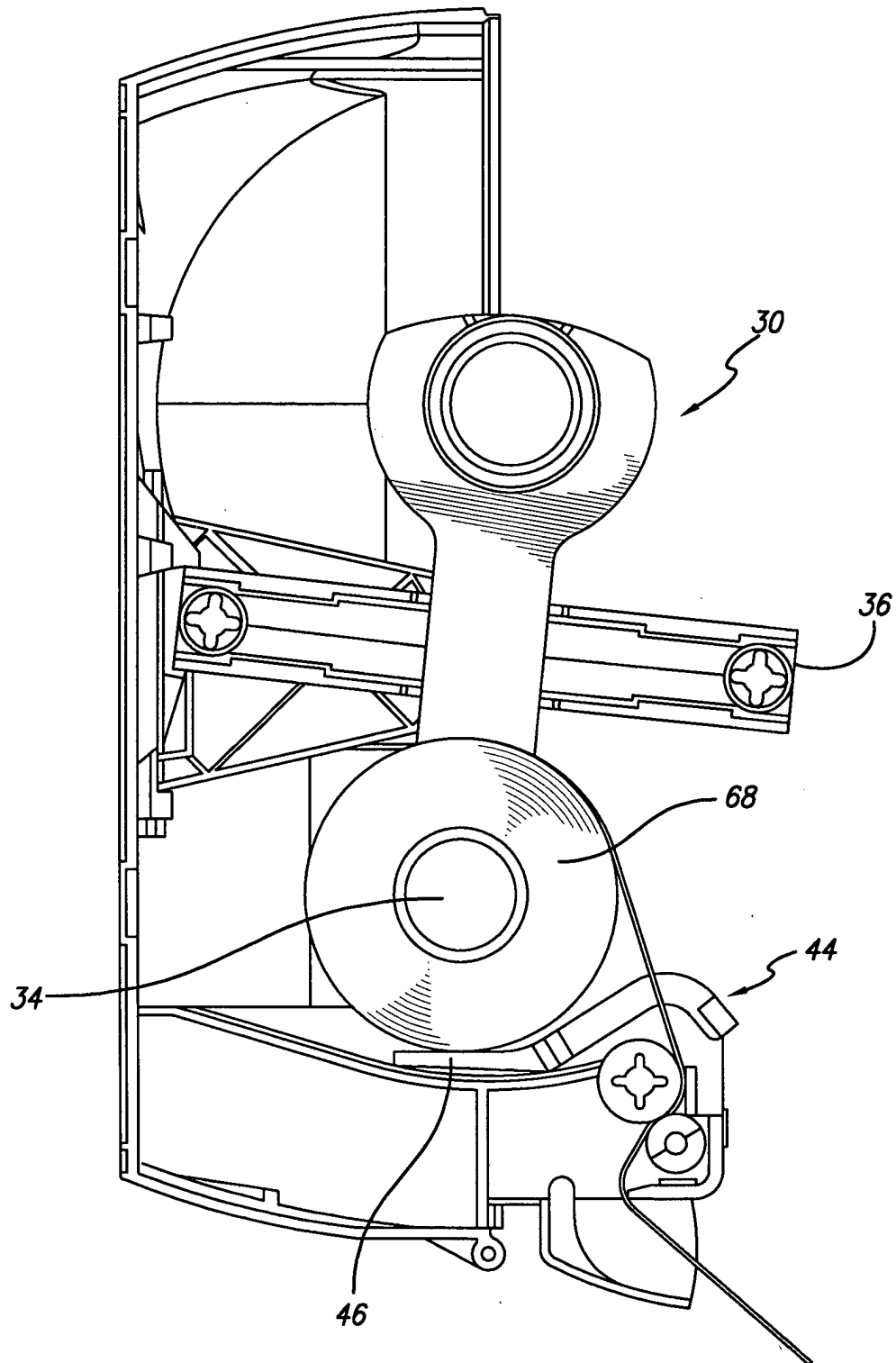
9/19

FIG. 7A

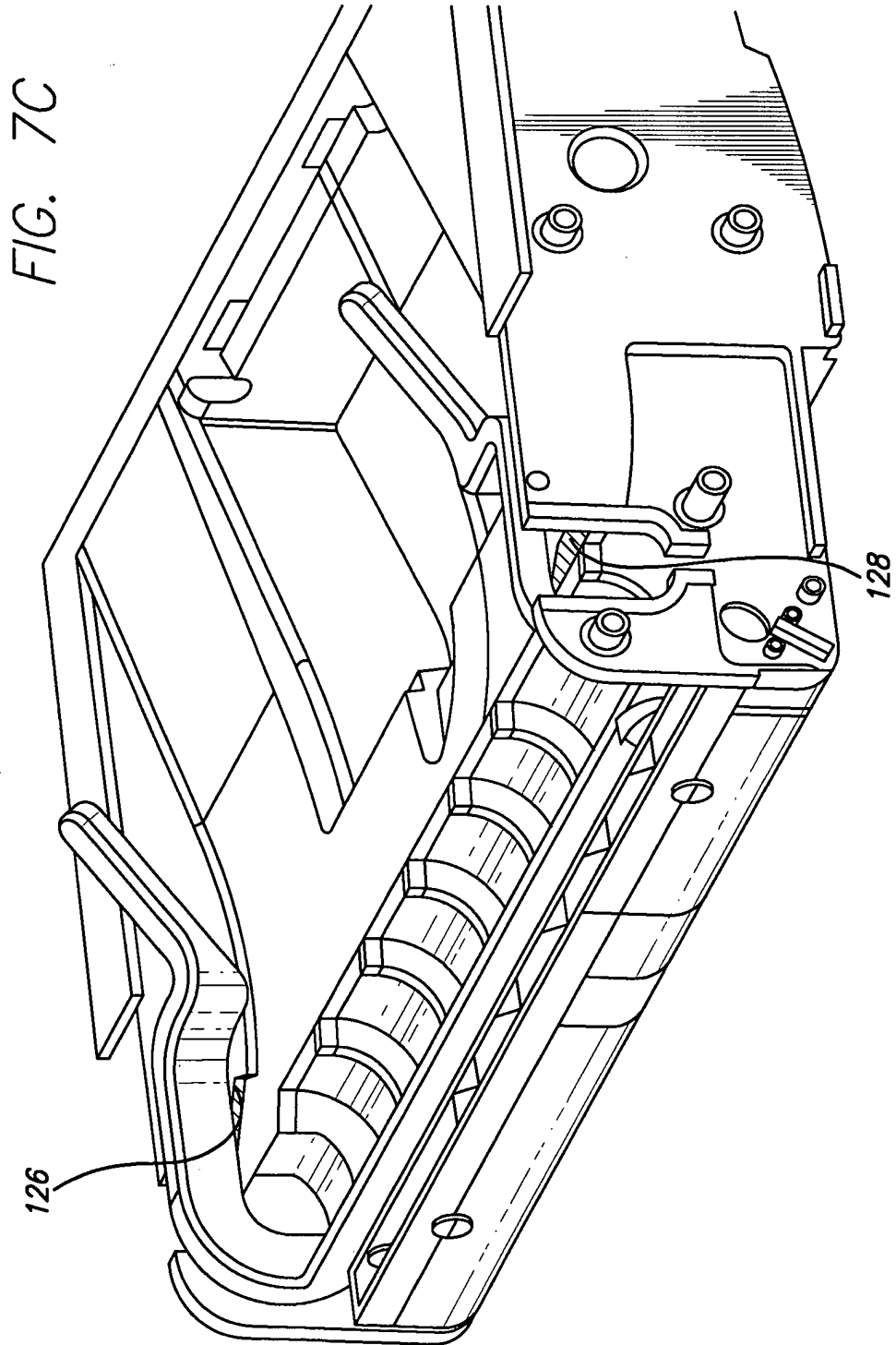


10/19

FIG. 7B



11/19



12/19

FIG. 7D

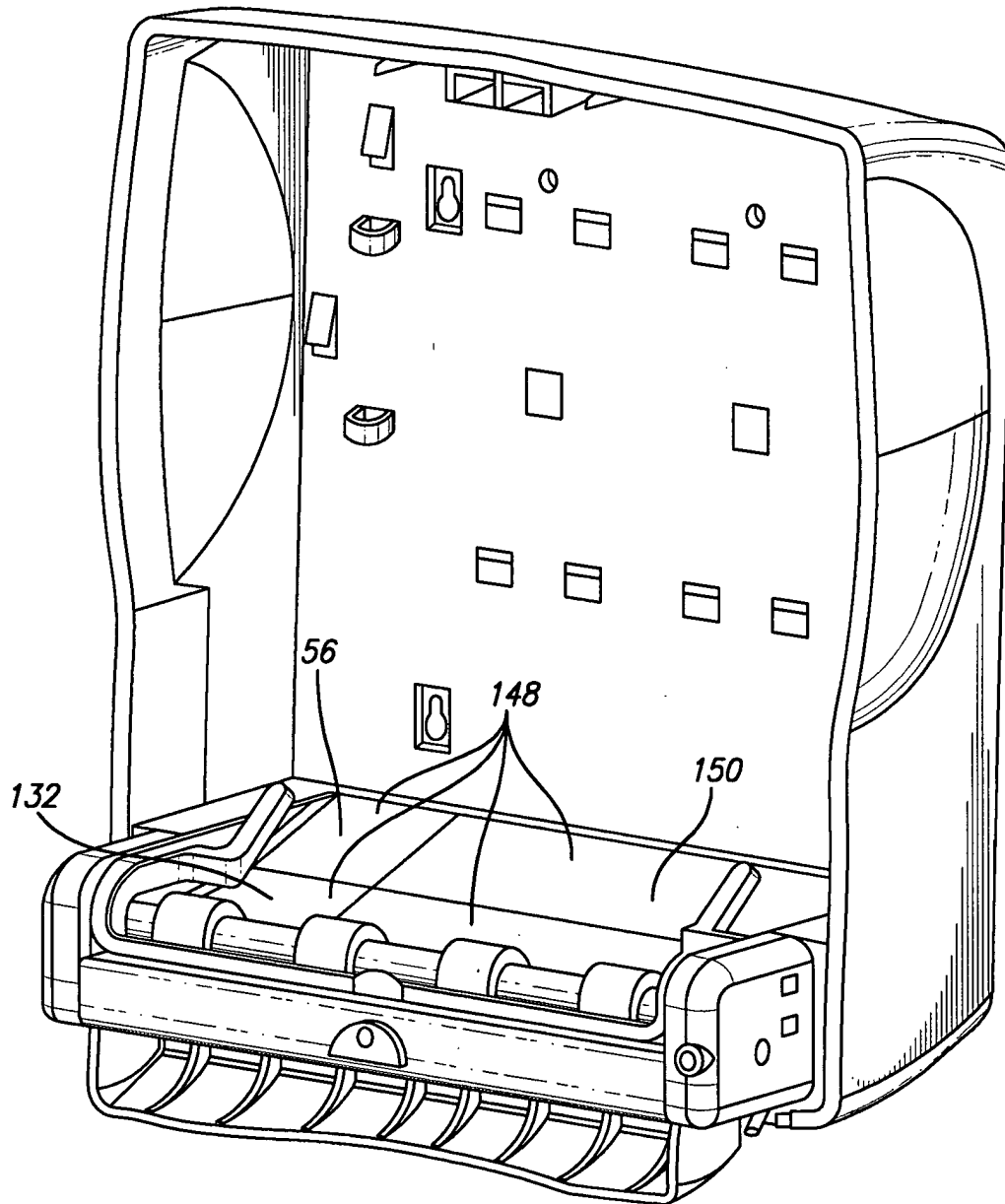


FIG. 8A

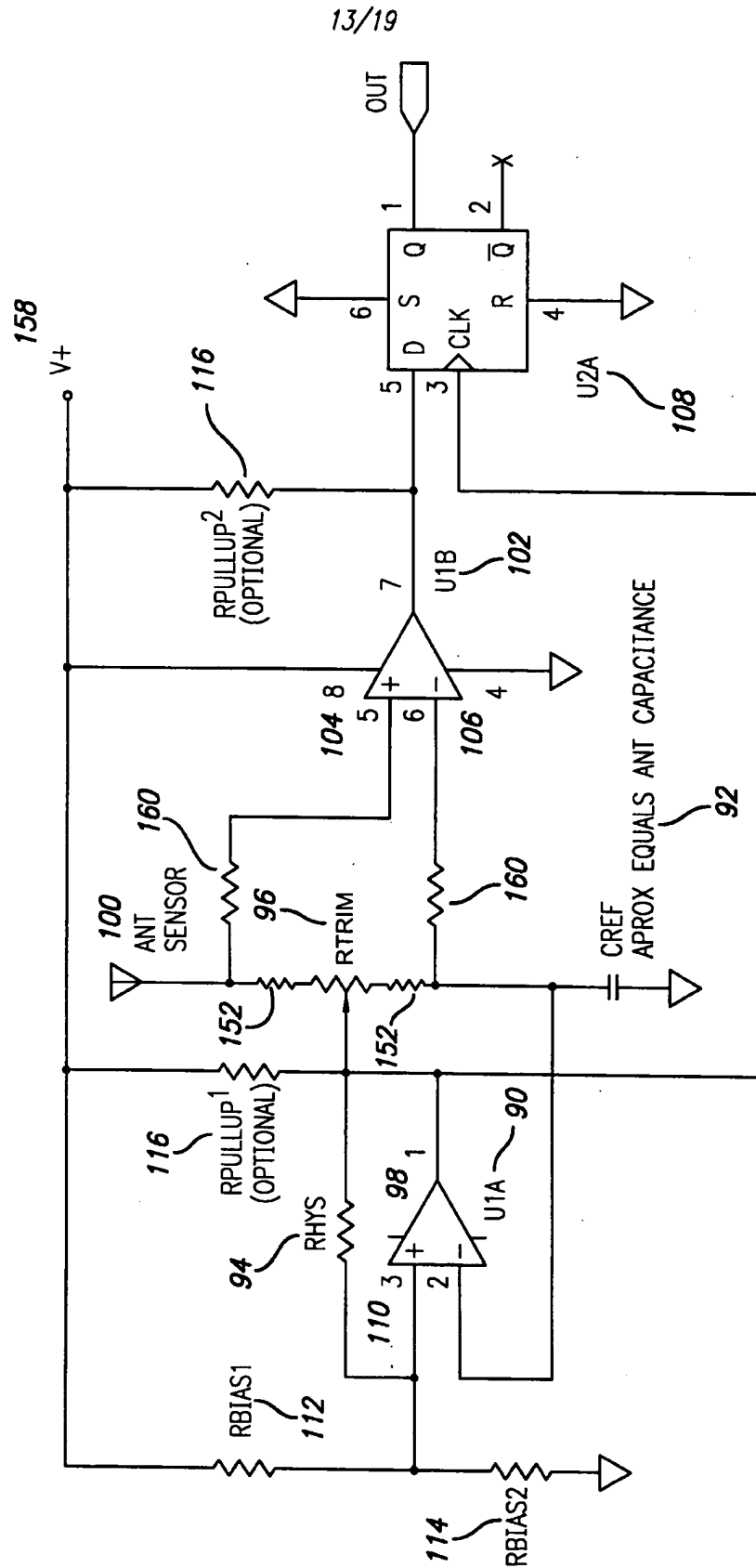


FIG. 8B
 PRIOR ART

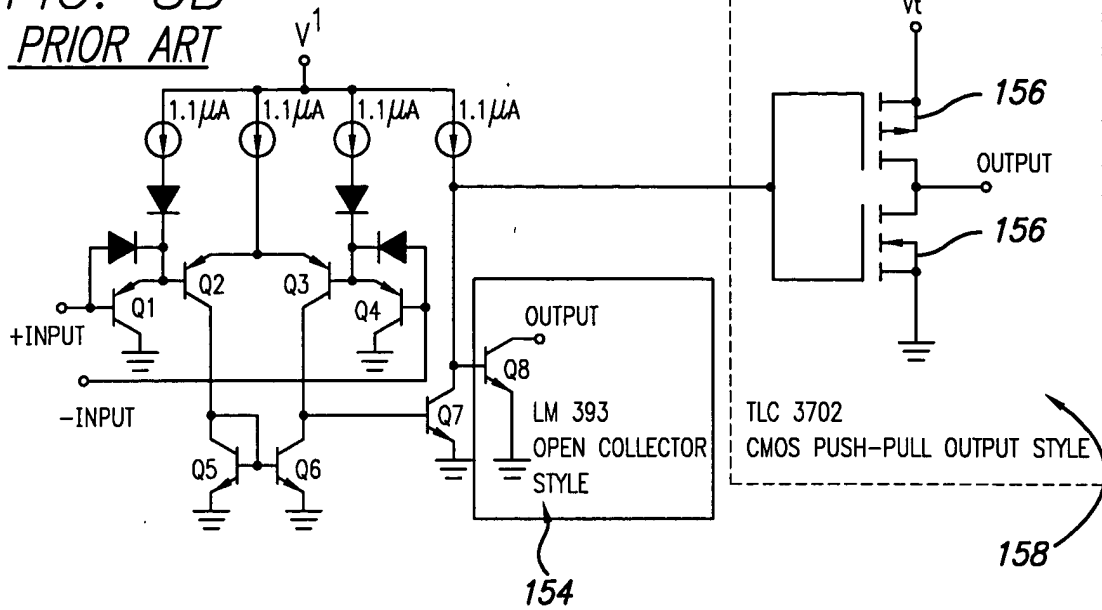


FIG. 9

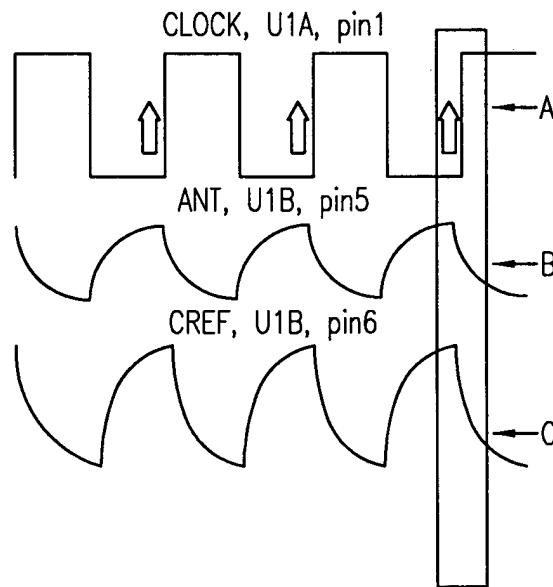
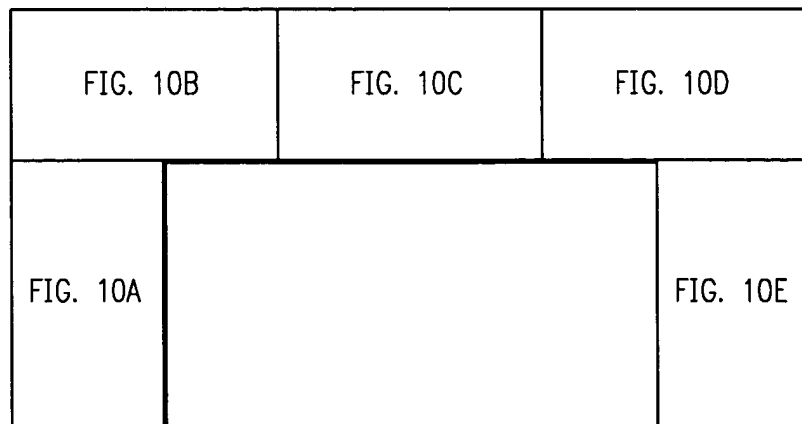


FIG. 10



15/19

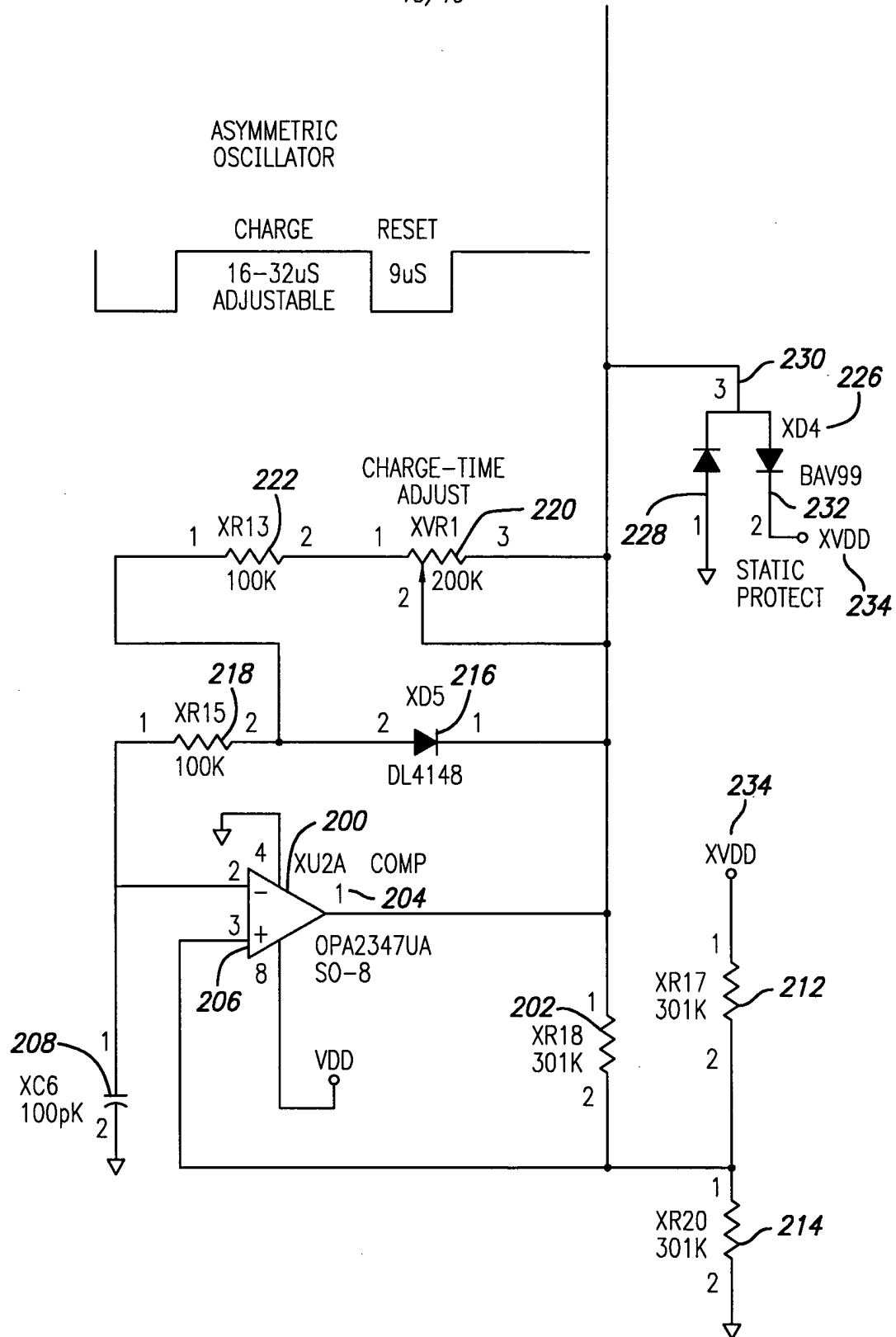
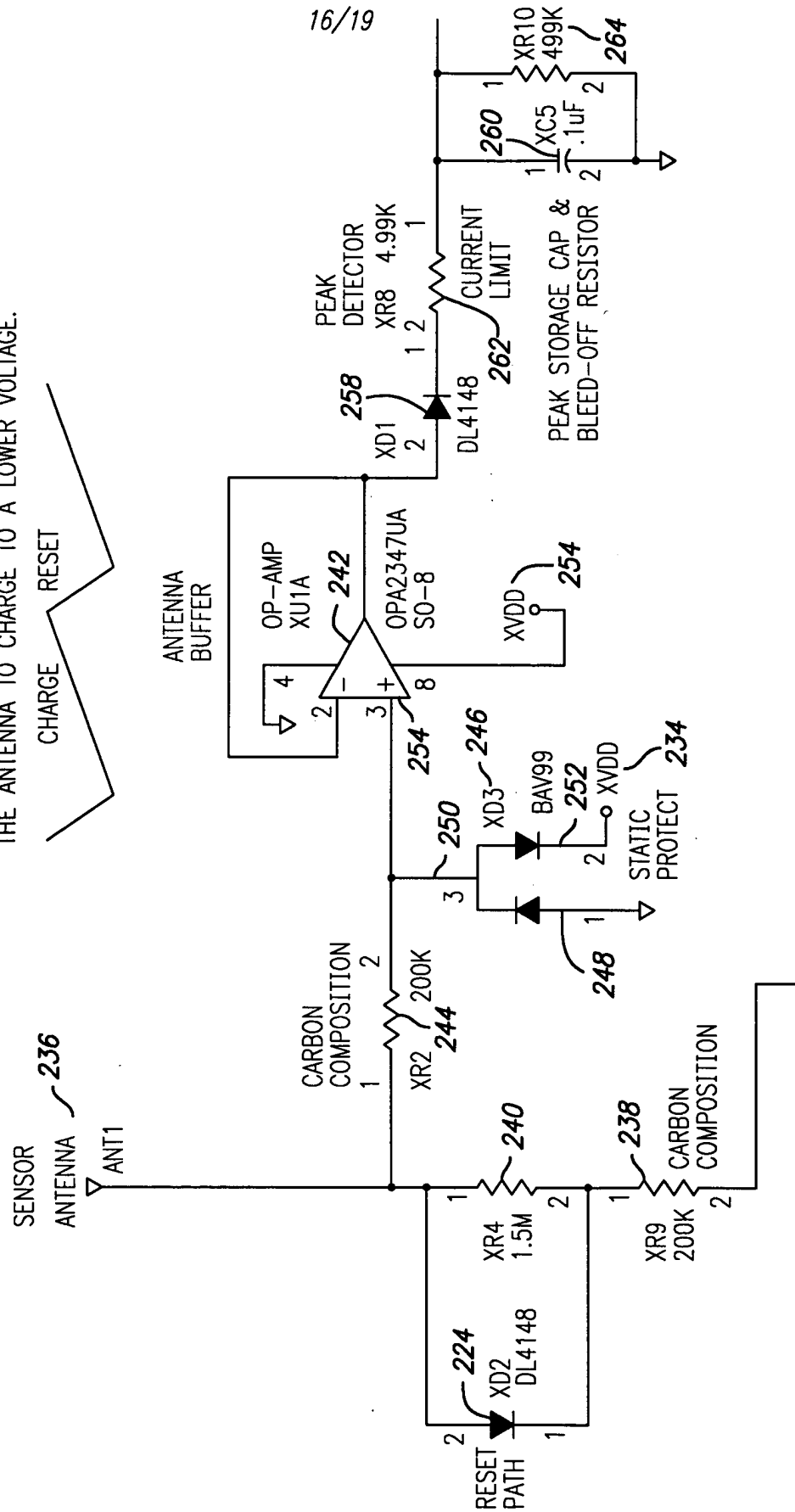


FIG. 10A

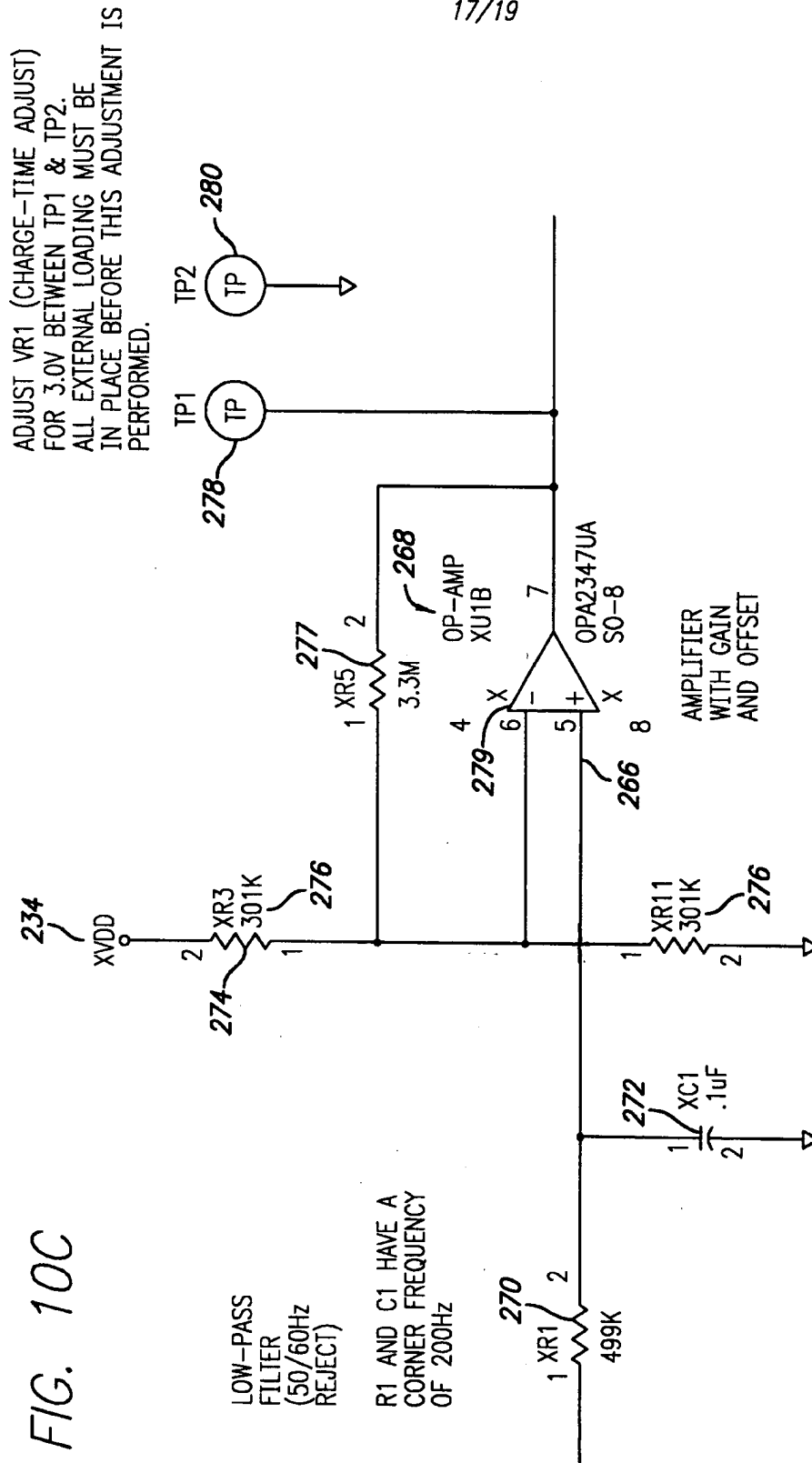
LESS EXTERNAL LOAD (LESS CAPACITANCE) CAUSES
 THE ANTENNA TO CHARGE TO A HIGHER VOLTAGE.
 MORE EXTERNAL LOAD (MORE CAPACITANCE) CAUSES
 THE ANTENNA TO CHARGE TO A LOWER VOLTAGE.

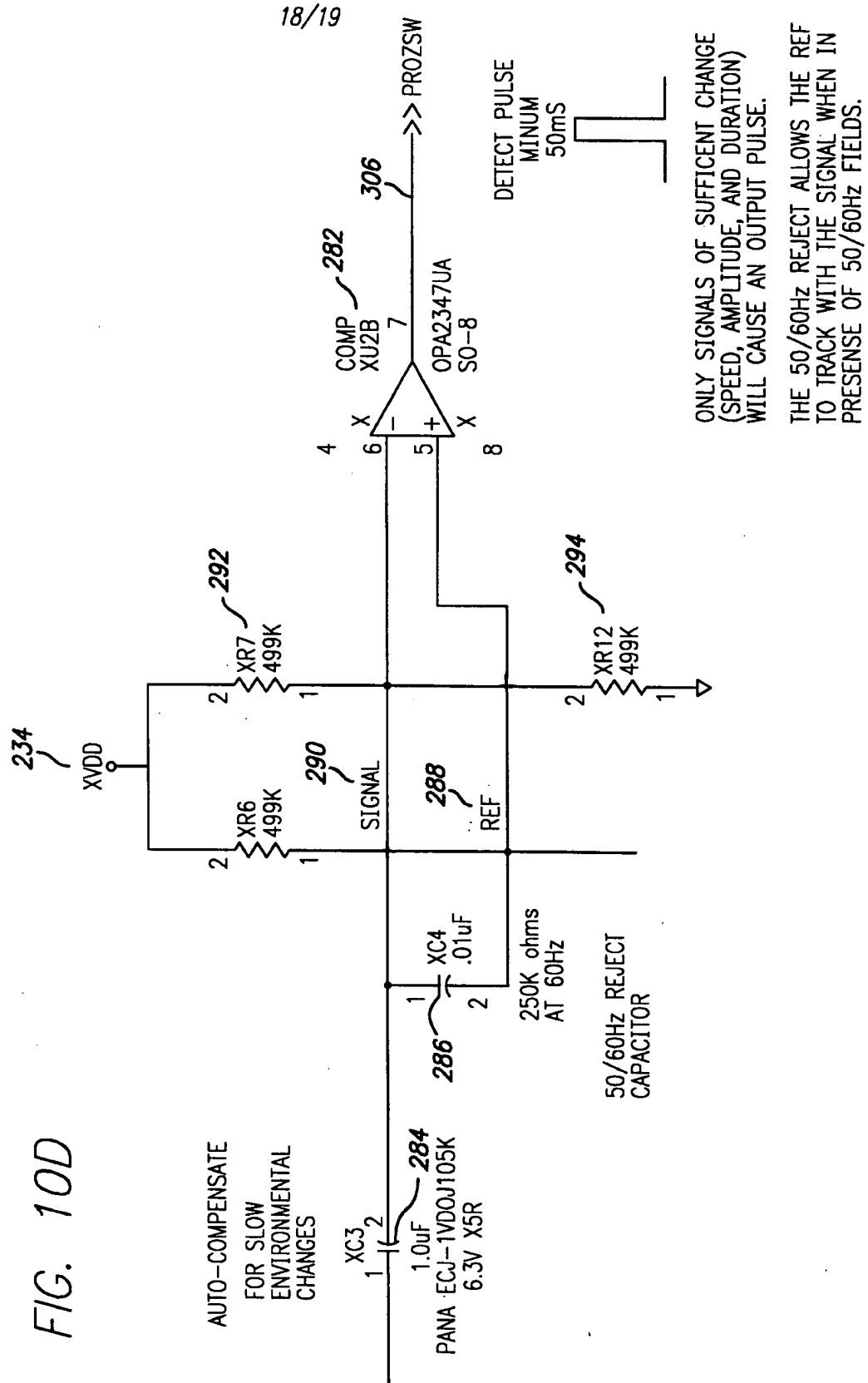
CHARGE RESET

FIG. 10B



17/19





19/19

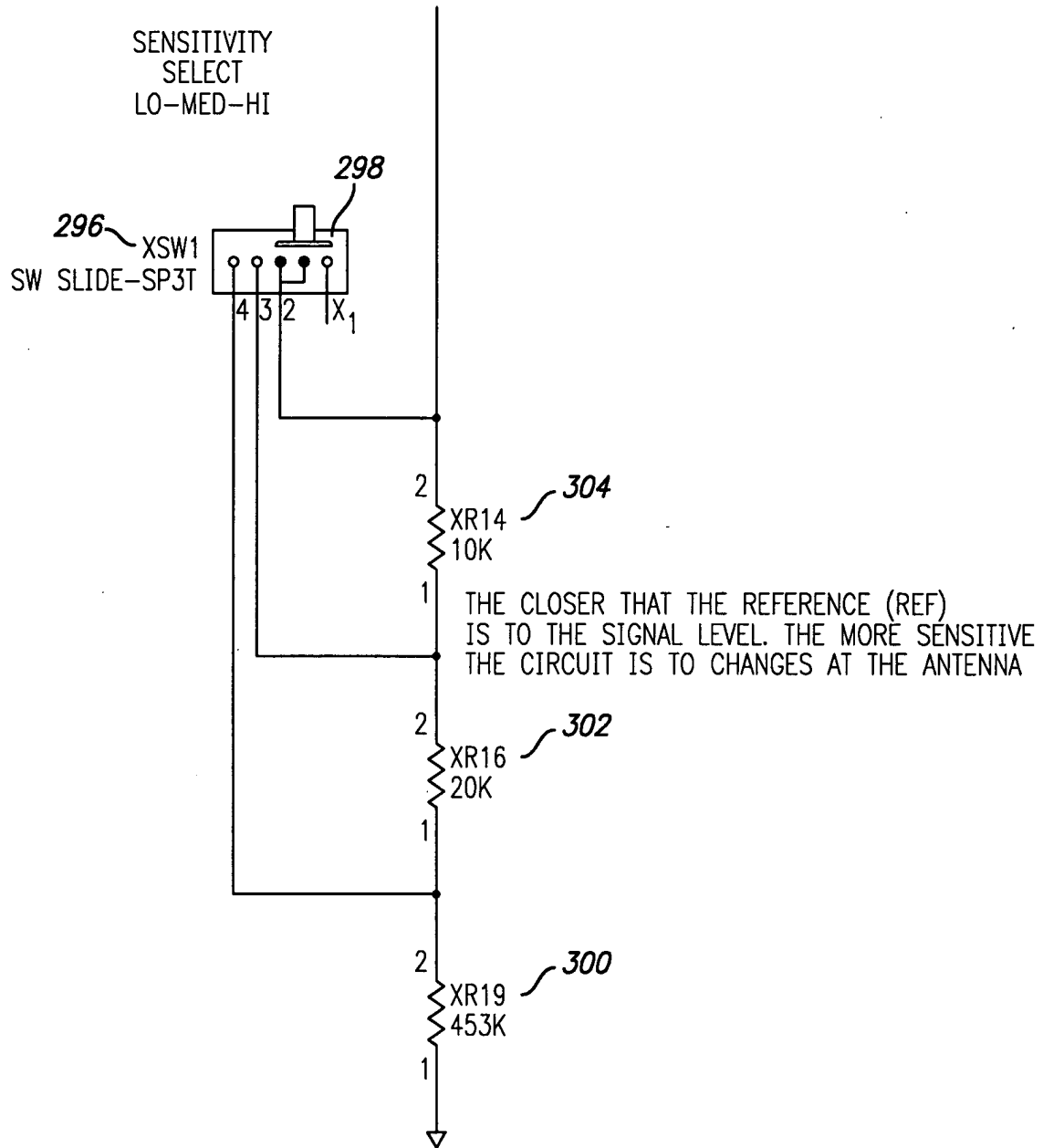


FIG. 10E